

Converting Colors

XYZ(34.0793, 24.2304,
105.9854)

Have a look what the booklet for
XYZ(34.0793, 24.2304, 105.9854)
contains.

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Color

**XYZ(32.5248, 23.6146,
97.4516)**

Conversions

Conversions Part 1

Format	Color
Hex	7D72FF
RGB	125, 114, 255
RGB Percent	49%, 45%, 100%
CMY	0.5098, 0.5529, 0.0000
CMYK	0.51, 0.55, 0.00, 0.00
HSL	245°, 100%, 72%
HSV	245°, 55%, 100%
XYZ	32.5248, 23.6146, 97.4516
YIQ	133.3630, -38.7050, 46.1830

Conversions

Conversions Part 2

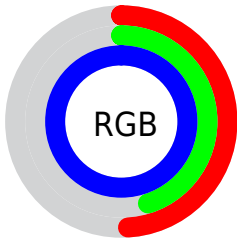
Format	Color
RYB	125, 114, 255
Decimal	8221439
CIELab	55.70, 40.68, -69.12
CIELCh	56, 80.200, 300.476
Yxy	23.6146, 0.2118, 0.1537
Android (android.graphics.Color)	4286411519 (0xFF7D72FF)
YUV	133.3630, 59.9670, -7.3344
Hunter-Lab	48.5949, 34.4300, -84.8831

Details

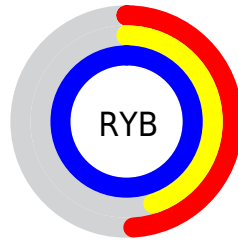
The XYZ color **32.5248, 23.6146, 97.4516** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **76.1036, 91.9670, 29.6602**, and the grayscale version is **22.2258, 23.3833, 25.4644**.

A 20% lighter version of the original color is **51.6938, 44.8067, 100.5317**, and **13.8318, 8.7725, 53.7876** is the 20% darker color. If you saturate the color by 10%, you get **27.0036, 17.0774, 96.4808**, and if you desaturate by 10%, it is **39.6616, 32.1748, 98.7277**.

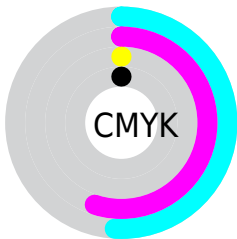
Distribution



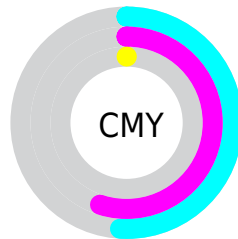
- Red (49%)
- Green (45%)
- Blue (100%)



- Red (49%)
- Yellow (45%)
- Blue (100%)



- Cyan (51%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (55%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5248, 23.6146, 97.4516 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 32.5248, 23.6146, 97.4516 by changing the saturation by 10% instead.

■ 32.5248, 23.6146,
97.4516

■ 32.5248, 23.6146,
97.4516

305.2060,
270.8662, 573.1677

■ 21.9201, 15.0480,
73.5690

■ 62.9926, 49.4005,
159.6719

■ 13.9145, 8.8531,
53.9467

■ 83.5864, 67.3887,
198.8466

■ 8.1425, 4.6455,
38.1662

■ 108.2407, 89.2861,
243.9558

■ 4.2389, 2.0408,
25.8088

■ 137.3207,
115.4771, 295.4180

■ 1.8381, 0.6310,
16.4562

171.1919,
146.3463, 353.6518

■ 0.5405, 0.0000,
9.6897

210.2196,

■ 0.0000, 0.0000,

182.2779, 419.0756

5.0908

254.7692,
223.6564, 492.1081

■ 0.0000, 0.0000,
2.2410

■ 0.0000, 0.0000,
0.6979

■ 32.5248, 23.6146,
97.4516

■ 32.5248, 23.6146,
97.4516

■ 27.0036, 17.0774,
96.4808

■ 39.6616, 32.1748,
98.7277

■ 22.9684, 12.3943,
95.7895

■ 48.5242, 42.9042,
100.3316

■ 20.2743, 9.3721,
95.3482

■ 59.2164, 55.9378,
102.2838

■ 18.7456, 7.7738,
95.1202

■ 71.8330, 71.3992,
104.6032

■ 18.3365, 7.3677,
95.0634

■ 86.4624, 89.4031,
107.3072

95.0500, 100.0000,
108.9000

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



22.5904, 23.6146, 115.2385



32.5248, 23.6146, 97.4516



41.3415, 23.6146, 59.0976

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



32.5248, 23.6146, 97.4516



32.2040, 23.6146, 2.1235



9.1138, 23.6146, 26.1302

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



32.5248, 23.6146, 97.4516



76.1036, 91.9670, 29.6602

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



10.4151, 23.6146, 8.0953



32.5248, 23.6146, 97.4516



22.3002, 23.6146, 1.1144

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



32.5248, 23.6146, 97.4516



41.1238, 23.6146, 7.7667



14.6979, 23.6146, 2.2033



10.5024, 23.6146, 60.3603

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



32.5248, 23.6146, 97.4516



44.4645, 23.6146, 34.9133



14.6979, 23.6146, 2.2033



9.2462, 23.6146, 18.2890

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



32.5258, 23.6153, 97.4517



69.5403, 68.5843, 104.1807



57.8238, 76.4660, 106.3195



14.3226, 13.9906, 22.1955



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.5258, 23.6153, 97.4517



26.6714, 16.6879, 96.4231



46.2900, 30.7110, 98.0958



17.1343, 17.4455, 22.7142



9.6273, 3.8736, 49.6748



0.9806, 0.3994, 4.8387

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



63.5857, 39.8262, 89.9195



60.6305, 34.4305, 87.3472



56.4991, 81.8605, 28.7427



18.7279, 18.2745, 22.4501



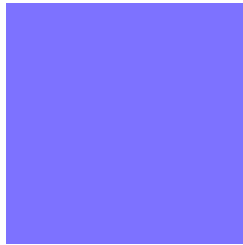
29.4172, 14.2562, 42.4429



2.8817, 1.3951, 4.2244

Previews

White Background



This preview shows how the XYZ color 32.5248, 23.6146, 97.4516 looks on a white background.

Color Contrast Check

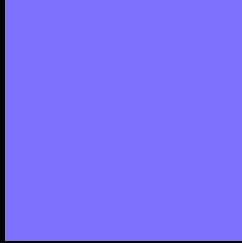
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 32.5248, 23.6146, 97.4516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

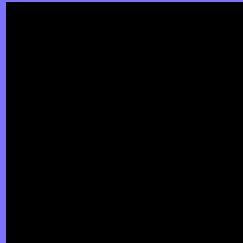
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.5248, 23.6146, 97.4516

Background



This preview shows how black text looks on a background with the XYZ color 32.5248, 23.6146, 97.4516.



This preview shows how white text looks on a background with the XYZ color 32.5248, 23.6146,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

32.5248, 23.6146, 97.4516

Protanopia

27.7637, 23.8812, 97.7540

Deuteranopia

24.2368, 23.7814, 84.2018



Tritanopia

19.7066, 23.6439, 33.2308

Trichromacy



Original Color

32.5248, 23.6146, 97.4516

Protanomaly

28.9138, 23.5201, 97.6237

Deuteranomaly

25.1305, 22.5279, 88.6117

Tritanomaly

23.1273, 22.9100, 51.3472

Monochromacy



Original Color

32.5248, 23.6146, 97.4516

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

24.6026, 22.8419, 44.7072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5248, 23.6146, 97.4516 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(125, 114, 255)` looks like.

```
.text, #text, p{  
    color:rgb(125, 114, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(125, 114, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 114, 255) }
```

Border

The CSS property to change the border of an element to XYZ 32.5248, 23.6146, 97.4516 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(125, 114, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(125, 114, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(125, 114, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 114, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 114, 255);  
box-shadow:4px 4px 4px 4px rgb(125, 114,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5248, 23.6146, 97.4516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 114, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(125,  
114, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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